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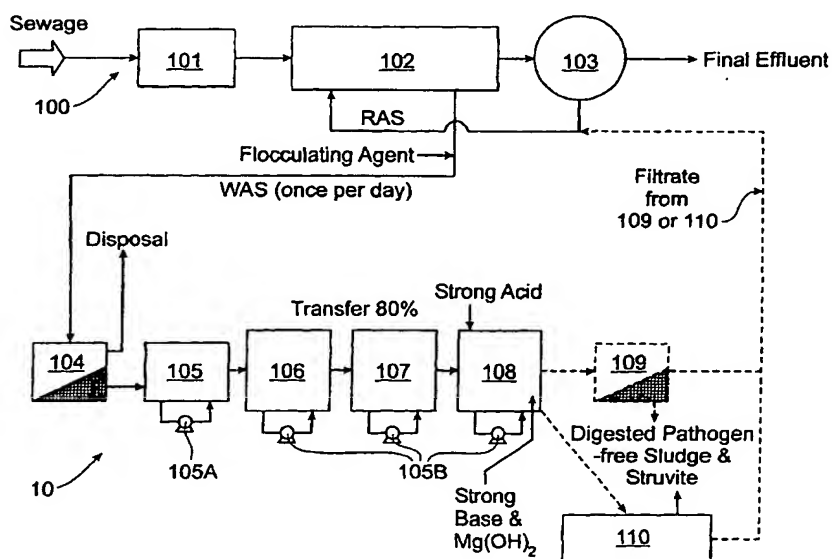
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(54) Title: TREATMENT OF WASTE ACTIVATED SLUDGE



(57) **Abstract:** A process for treatment of waste activated sludge from a BNR process, which includes the steps of: (a) concentration of the activated sludge from a total solids content (dry weight) of 0.1-1.0 % w/v to an increased solids content of 1.5-5.0 % w/v, wherein said solids largely contain bacterial biomass from prior aeration of the activated sludge; (b) disrupting bacterial cells contained in the biomass so as to release fermentable nutrients from said bacterial cells; (c) passing the activated sludge from step (b) through an anaerobic digester system; and (d) removing N and/or P from the residue obtained after step (c).

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